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"American Year Book," succeeding Professor E. B. Wilson, who was recently appointed head of the department of physics in the Massachusetts Institute of Technology.

DAVID WENDELL SPENCE, for twenty-seven years a professor of civil engineering, and for the past ten years dean of the school of engineering and professor of civil engineering in the Texas College, died at Galveston on June 28.

DR. CHARLES BASKERVILLE, professor of chemistry in the College of the City of New York, has been appointed by the Ramsay Memorial Committee to organize a committee in the United States for receiving subscriptions to the fund from Americans.

UNIVERSITY AND EDUCATIONAL NEWS

ANNOUNCEMENT is made that a gift of \$50,000 from George W. Brackenridge of San Antonio, Tex., will enable Columbia University to open its doors to women students this autumn. Work will be begun at once on the addition to the present building to provide extra laboratory facilities in the departments of chemistry, pharmacology, pathology and bacteriology.

PROFESSOR BENJAMIN T. MARSHALL, of Dartmouth College, has been appointed president of Connecticut College for Women at New London, to succeed President Frederick Sykes.

DEAN W. G. RAYMOND, head of the College of Engineering of the State University of Iowa, has declined the presidency of the Colorado school of mines situated at Golden, Colo.

DR. HUGH MCGUIGAN, professor of pharmacology in the Northwestern University, has accepted the position of professor and head of the department of pharmacology, materia medica and therapeutics in the college of medicine of the University of Illinois.

DR. H. R. CROSLAND of the department of psychology of the University of Minnesota, has been elected assistant professor of psychology in the University of Arkansas.

LORD CREWE has accepted the invitation to become chancellor of the University of Sheffield, in succession to the late Duke of Norfolk.

DISCUSSION AND CORRESPONDENCE

REPLY TO DR. ERLANGER

ON p. 384 et seq., Vol. XLV, of this journal Dr. Erlanger criticizes an abstract of my paper which he did not stop to hear and which is not yet published.

Dr. Erlanger completely misses the point of my paper and somewhat radically changes some statements in his own paper.¹

Dr. Erlanger stated that the pressure oscillations are in direct numerical ratio to the *manometer* pressures in the compression chamber; I showed that the ratio is determined by the barometric plus the manometric pressure—i. e., Boyle's Law.

He says:²

Inasmuch as the volume of incompressible fluid entering the artery is practically the same through-

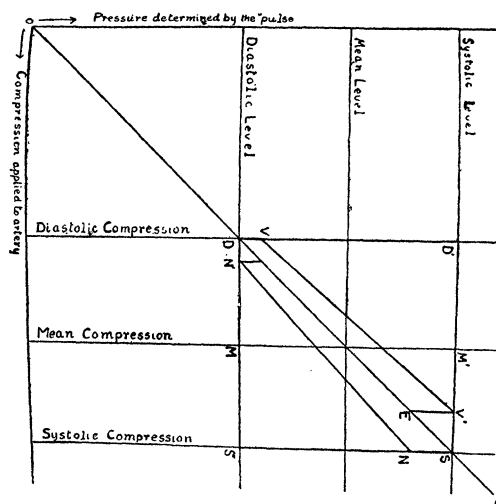


FIG. 1.

out the diastolic-systolic range of compression and since at this time, as premised above, the compression pressure is nearly twice that which obtained at *D*, the pressure in the compression chamber will be raised almost twice as high by the

¹ Erlanger, *Am. Jour. Physiol.*, 1916, XXXIX., 401.

² *Loc. cit.*, 409.